

<p>PTO-1449 REPRODUCED</p> <p><b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b></p> <p>O I P E JUL 21 2005 SC185 PATENT &amp; TRADEMARK OFFICE Use several sheets if necessary)</p>	ATTORNEY DOCKET NO. <b>0838.2003-001</b>	APPLICATION NO. <b>10/601,184</b>
	FIRST NAMED INVENTOR <b>Garner T. Haupert, Jr.</b>	FILING DATE <b>June 20, 2003</b>
	EXAMINER <b>Not yet assigned</b>	CONFIRMATION NO. <b>6779</b>
		GROUP <b>1644</b>

## **FOREIGN PATENT DOCUMENTS**

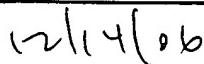
EXAMINER		DATE CONSIDERED	12/14/06
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<b>PTO-1449 REPRODUCED</b>  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <b>July 19, 2005</b>  (Use several sheets if necessary)	<b>ATTORNEY DOCKET NO.</b>	<b>APPLICATION NO.</b>	
	0838.2003-001	10/601,184	
	<b>FIRST NAMED INVENTOR</b> Garner T. Haupert, Jr.		<b>FILING DATE</b>
			June 20, 2003
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	Not yet assigned	6779	1644

EXAMINER		DATE CONSIDERED	(2) 14 / 06
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PTO-1449 REPRODUCED <i>O R INFORMATION DISCLOSURE CITATION IN AN APPLICATION</i> DEC 27 2004 SEARCH & TRADEMARK OFFICE 1976 Use several sheets if necessary)	ATTORNEY DOCKET NO. 0838.2003-001	APPLICATION NO. 10/601,184
	APPLICANT Garner T. Haupert, Jr., et al.	
	FILING DATE June 20, 2003	CONFIRMATION NO. 6779
		GROUP 1644

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
AB	AA	6,265,383 B1	July 24, 2001	Haupert, Jr.
	AB	6,274,558 B1	August 14, 2001	Haupert, Jr.
	AC	5,716,937	February 10, 1998	Haupert, Jr.
	AD	5,910,484	June 8, 1999	Haupert, Jr.
	AE	US 2004 - 0248080 A1	December 9, 2004	Haupert, Jr.
	AF	5,844,091	December 1, 1998	Blaustein, et al.
	AG	5,695,756	December 9, 1997	Blaustein, et al.
✓	AH	5,164,296	November 17, 1992	Blaustein, et al.
	AI			
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EXAMINER 	DATE CONSIDERED 
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PTO-1449 REPRODUCED  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		ATTORNEY DOCKET NO. 0838:2003-001	APPLICATION NO. 10/601,184
December 20, 2004  (Use several sheets if necessary)		APPLICANT Garner T. Haupert, Jr., <i>et al.</i>	
		FILING DATE June 20, 2003	CONFIRMATION NO. 6779
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FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
W3	AL	WO 98/53832 A1	12/03/1998	The General Hospital Corporation	
	AM	WO 98/54195 A1	12/03/1998	The General Hospital Corporation, <i>et al.</i>	
	AN	WO 98/07739 A1	02/26/1998	The General Hospital Corporation, <i>et al.</i>	
	AO	WO 98/53831 A1	12/03/1998	The General Hospital Corporation	
	AP	WO 00/39328 A1	07/06/2000	The General Hospital Corporation	
	AQ	WO 01/25281 A1	04/12/2001	The General Hospital Corporation	
	AL2	WO 2004/000328 A1	12/31/2003	The General Hospital Corporation, <i>et al.</i>	
	AM2	EP 0 983 071 B1	03/08/2000	The General Hospital Corporation	
↓	AN2	EP 0 433 074 B1	06/19/1991	The General Hospital Corporation	
	AO2				
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	AP4				
	AQ4				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MS	AR	Bennett, R.D., et al., "Progesterone Metabolism in <i>Digitalis Lanata</i> ", <i>Phytochemistry</i> 7: 41-50 (1968).	
	AS	Blaustein, M. P., "Sodium Ions, Calcium Ions, Blood Pressure Regulation, and Hypertension: A Reassessment and a Hypothesis", <i>Am. J. Physiol.</i> , 232(5): C165-C173 (1977).	
	AT	Blaustein, M.P., "Endogenous Ouabain: Role in the Pathogenesis of Hypertension", <i>Kidney Int.</i> 49(6): 1748-1753 (1996).	
	AU	Cantiello, et al., "Na <sup>+</sup> Pump in Renal Tubular Cells is Regulated by Endogenous Na <sup>+</sup> , K <sup>+</sup> - ATPase Inhibitor from Hypothalamus", <i>Am. J. Physiol.</i> , 255: F574-580 (1988).	
	AV	Capsi, E. and Lewis, D.O., "Progesterone: Its Possible Role in the Biosynthesis of Cardenolides in <i>Digitalis Lanata</i> ", <i>Science</i> 156(3774): 519-520 (1967).	
	AW	Carilli, C. T., et al., "Hypothalamic Factor Inhibits the (Na,K) ATPase from the Extracellular Surface", <i>The Journal of Biological Chemistry</i> , 260(2): 1027-1031 (1985).	
	AX	Crabos, M, et al., "Atrial Natriuretic Peptide Regulates Release of Na <sup>+</sup> -K <sup>+</sup> -ATPase Inhibitor from Rat Brain", <i>Am. J. Physiol.</i> , 254(6): F912-F917 (1988).	
	AY	DeAngelis, C. and Haupert, Jr., G. T., "Hypoxia Triggers Release of an Endogenous Inhibitor of Na <sup>+</sup> , -K <sup>+</sup> -ATPase from Midbrain and Adrenal", <i>Am. J. Physiol.</i> , 274(1): F182-F188 (1998).	
	AZ	Ferrandi, M., et al., "Age-Dependency and Dietary Influence on the Hypothalamic Ouabain-Like Factor in Milan Hypertensive Rats", <i>Journal of Hypertension</i> , 13(12): 1571-1574 (1995).	
	AR2	Ferrandi, M. and Bianchi, G., "Genetic Mechanisms Underlying the Regulation of Urinary Sodium Excretion and Arterial Blood Pressure: The Role of Adducin", <i>Acta. Physiol. Scand.</i> 168: 187-193 (2000).	
	AS2	Ferrandi, M. and Manuta, P., "Ouabain-Like Factor: Is it the Natriuretic Hormone?", <i>Curr. Opin. Nephrol. Hypertens.</i> 9(2): 165-171 (2000).	
	AT2	Ferrandi, M., et al., "Ouabain-Like Factor Quantification in Mammalian Tissues and Plasma: Comparison of Two Independent Assays", <i>Hypertension</i> 30(4): 886-896 (1997).	
↓	AU2	Goto, A., et al., "Physiology and Pharmacology of Endogenous Digitalis-Like Factors", <i>Pharmacological Reviews</i> , 44(3): 377-399 (1992).	

EXAMINER	DATE CONSIDERED
	12/14/01

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 0838.2003-001	APPLICATION NO. 10/601,184
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	APPLICANT Garner T. Haupert, Jr., <i>et al.</i>	
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		GROUP 1644

OTHER DOCUMENTS ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )		
13) AV2	Haber, E. and Haupert, Jr., G. T., "The Search for a Hypothalamic Na <sup>+</sup> , K <sup>+</sup> -ATPase Inhibitor", <i>Hypertension</i> , 9(4): 315-324 (1987).	
	AW2	Haddy, F. J. and Overbeck, H. W., "The Role of Humoral Agents in Volume Expanded Hypertension", <i>Life Sciences</i> , 19(7): 935-948 (1976).
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	AY2	Haupert, Jr., G. and Sancho, J. M., "Sodium Transport Inhibitor from Bovine Hypothalamus", <i>Proc. Natl. Acad. Sci.</i> , 76(9): 4658-4660 (1979).
	AZ2	Haupert, Jr., G. T., <i>et al.</i> , "Hypothalamic Sodium-Transport Inhibitor is a High-Affinity Reversible Inhibitor of Na <sup>+</sup> -K <sup>+</sup> -ATPase", <i>American Journal of Physiology</i> , 247(6): F919-924 (1984).
	AR3	Janssens, S. P., <i>et al.</i> , "Hypothalamic Na <sup>+</sup> , K <sup>+</sup> -ATPase Inhibitor Constricts Pulmonary Arteries of Spontaneously Hypertensive Rats", <i>Journal of Cardiovascular Pharmacology</i> , 22(Suppl. 2): S42-S46 (1993).
	AS3	Kawamura, A., <i>et al.</i> , "On the Structure of Endogenous Ouabain", <i>Proc. Natl. Acad. Sci.</i> , 96: 6654-6659 (1999).
	AT3	Kitano, S., <i>et al.</i> , "Exogenous Ouabain is Accumulated in the Adrenals and Mimics the Kinetics of Endogenous Digitalis-Like Factor in Rats", <i>Hypertens Res</i> , 21(1) : 47-56 (1998).
	AU3	Komiyama, Y., <i>et al.</i> , "Identification of Endogenous Ouabain in Culture Supernatant of PC12 Cells", <i>Journal of Hypertension</i> , 19(2): 229-236 (2001).
	AV3	Laredo, J., <i>et al.</i> , "Angiotensin II Stimulates Secretion of Endogenous Ouabain from Bovine Adrenocortical Cells via Angiotensin Type 2 Receptors", <i>Hypertension</i> , 29(1): 401-407 (1997).
	AW3	Lichtstein, D., <i>et al.</i> , "Biosynthesis of Digitalis-Like Compounds in Rat Adrenal Cells: Hydroxycholesterol as Possible Precursor", <i>Life Sciences</i> , 62(23): 2109-2126 (1998).
✓	AX3	Lu, Z., <i>et al.</i> , "Biosynthesis of Endogenous Ouabain from Pregnenolone and Progesterone in Bovine Adrenal Cortical Cells", <i>Hypertension</i> , 32(3): 624 (1998).

EXAMINER	DATE CONSIDERED
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OTHER DOCUMENTS ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )		
WY	AY3	Orth, D. N. and Kovacs, W. J., "The Adrenal Cortex". In <i>Williams Textbook of Endocrinology</i> 9th Edition, Jean. D. Wilson, M.D., <i>et al.</i> , eds. (W. B. Saunders Company), pp. 517-664 (1998).
	AZ3	Perrin, A., <i>et al.</i> , "Bovine Adrenocortical Cells in Culture Synthesize an Ouabain-Like Compound", <i>Molecular and Cellular Endocrinology</i> , 126: 7-15 (1997).
	AR4	Quazzaz, H. M. A. M., <i>et al.</i> , "Deglycosylated Products of Endogenous Digoxin-Like Immunoreactive Factor in Mammalian Tissue", <i>The Journal of Biological Chemistry</i> , 271(15): 8731-8737 (1996).
	AS4	Robel, P. and Baulier, E., "Neurosteroids: Biosynthesis and Function", <i>Neurobiology</i> , 9(4): 383-394 (1995).
	AT4	Tamura, M., <i>et al.</i> , "Identification of Two Cardiac Glycosides as Na <sup>+</sup> - Pump Inhibitors in Rat Urine and Diet", <i>The Journal of Biological Chemistry</i> , 269(16): 11972-11979 (1994).
	AU4	Tymiak, A. A. , <i>et al.</i> , "Physicochemical Characterization of a Ouabain Isomer Isolated from Bovine Hypothalamus", <i>Proc. Natl. Acad. Sci.</i> , 90: 8189-8193 (1993).
✓	AV4	Elbashir, S.M., <i>et al.</i> , "Duplexes of 21-Nucleotide RNAs Mediate RNA Interference in Cultured Mammalian Cells," <i>Nature</i> , 411: 494-498 (2001).

EXAMINER	DATE CONSIDERED
	12/14/06

[ X ] Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

PHJ

U.S. Patent Application No. 09/220,913, by Garner T. Haupert, Jr., filed December 24, 1998, Atty. Docket No.: 0838.1002-000

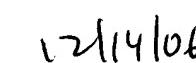
PB1

U.S. Patent Application No. 09/412,268, by Behnaz Parharmi-Seren, *et al.*, filed October 5, 1999, Atty. Docket No.: 0838.1004-000

MJS

U.S. Patent Application No. 09/506,246, by Rex T. Gallagher, *et al.*, filed February 17, 2000, Atty. Docket No.: 2075.1002-003

  
Examiner

  
Date

- A copy of each above-cited application, including the current claims, is enclosed.  
 A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.  
 Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.  
 Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

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